

Dr. Tankut Akgül

Personal Information

Email: akgult@itu.edu.tr

Web: <https://avesis.itu.edu.tr/akgult>

International Researcher IDs

ORCID: 0000-0002-2368-4041

ScopusID: 6701840620

Yoksis Researcher ID: 306801

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Watching Video over the Web Part 2: Applications, Standardization, and Open Issues**
Begen A. C., Akgul T., Baugher M.
IEEE INTERNET COMPUTING, vol.15, no.3, pp.59-63, 2011 (SCI-Expanded)
- II. **Watching Video over the Web Part 1: Streaming Protocols**
Begen A. C., Akgul T., Baugher M.
IEEE INTERNET COMPUTING, vol.15, no.2, pp.54-63, 2011 (SCI-Expanded)
- III. **Assembly instruction level reverse execution for debugging**
Akgul T., Mooney V.
ACM TRANSACTIONS ON SOFTWARE ENGINEERING AND METHODOLOGY, vol.13, no.2, pp.149-198, 2004 (SCI-Expanded)

Patent

Akgül T., DTS/PTS backward extrapolation for stream transition events, Patent, CHAPTER H Electricity, The Invention Registration Number: 9832515 , Standard Registration, 2017

Akgül T., Preserving synchronized playout of auxiliary audio transmission, Patent, CHAPTER H Electricity, The Invention Registration Number: 9426335 , Standard Registration, 2016

Akgül T., Supplementary buffer construction in real-time applications without increasing channel change delay, Patent, CHAPTER H Electricity, The Invention Registration Number: 8655143 , Standard Registration, 2014

Akgül T., Decoding earlier frames with DTS/PTS backward extrapolation, Patent, CHAPTER H Electricity, The Invention Registration Number: 8731000 , Standard Registration, 2014

Akgül T., Systems and methods of reducing media stream delay through independent decoder clocks, Patent, CHAPTER H Electricity, The Invention Registration Number: 8111971 , Standard Registration, 2012

Akgül T., Buffer expansion and contraction over successive intervals for network devices, Patent, CHAPTER H Electricity, The Invention Registration Number: 8300667 , Standard Registration, 2012

Akgül T., Systems and methods of reducing delay in decoding, Patent, CHAPTER H Electricity, The Invention Registration Number: 7830908 , Standard Registration, 2010

Metrics

Publication: 12

Citation (WoS): 164

Citation (Scopus): 225

H-Index (WoS): 3

H-Index (Scopus): 3

Non Academic Experience

Synamedia

Cisco Systems